

1.1.1 Incident Category

Oil Pollution Act Discharge Assessment/Response

1.1.2 Site Description

On August 18, 2016, EPA responded to a report of an oil spill from Lard Oil Co., an oil distribution facility at 914 Florida Ave. SW, in Denham Springs, Livingston Parish Louisiana. Slow moving storms dropped more than two feet of rain around Denham Springs causing flooding of the Amite River August 13-14, 2016. Floodwaters displaced oil containers and discharged an unknown volume of oil from the facility, to the surrounding neighborhood. It appears to be a localized incident and the discharge consisted of predominately lubricating oil. Early estimates were that 2-3 dozen residential yards and 6-10 homes are affected.

1.1.2.1 Location

The Site of the discharge is located at 914 Florida, Ave. SW, Denham Springs, Livingston Parish Louisiana, at 30.4757117°, -90.9598454°. Impacted homes appear to be primarily southeast of the facility along (b) (6), as well as cross streets to (b) (6).

1.1.2.2 Description of Threat

An unknown volume of oil discharged from the facility. Reports indicate several mobile storage tanks may have overturned and discharged oil from the facility and multiple smaller containers, including totes drums and buckets, were displaced off the facility property. Discharged oil impacted homes, vegetation and yards before being carried away in floodwaters. Stormwater drains to Grays Creek; thence to the Amite River, which flows to Lake Maurepas and Lake Pontchartrain, which meet the definition of “navigable waters” of the United States (US) as defined in Section 502(7) of the Federal Water Pollution Control Action (FWPCA).

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Preliminary assessment indicates the discharged oil was predominately lubricating oil and has impacted an estimated 41 residential yards and 6-10 homes. Additionally, oil was identified in ditches and storm drains, within the impacted area.

2. Current Activities



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2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

On August 18, 2016, EPA responded to NRC Report # 1156486 and conducted an assessment of the situation. EPA documented displaced oil tanks at the back of the facility and within resident's yards, oil in the roadside ditches and oil stains leading from the facility. After conducting the initial assessment, EPA contacted the Responsible Party (RP), Lard Oil Company, to notify them of the discharge, inform them of their responsibilities and issued them a Notice of Federal Interest. On August 19, 2016, Lard Oil Co. had a crew of approximately 30 people cleaning up pooled and standing oil in roadside ditches and residents yards to prevent further migration of the oil. Several homeowners had concerns about whether the oil presented acute health concern due to vapors within the homes. Therefore, EPA conducted screenings in multiple homes for Volatile Organic Compounds (VOCs) and found no levels over 1 ppm. The RP has hired PPM Associates to conduct the assessment and manage the removal actions.

August 19-20, 2016, Response activities focused on obtaining access agreements and conducting screenings of individual properties and homes to delineate the extent of the impact. During this screening, several areas of heavy accumulated oil was identified and clean-up crews began removing the oil.

August 21-30, 2016, EPA and PPM are each continuing to acquire access agreements from property owners. Currently, 72 properties have been identified within the impact area. Access agreements have been acquired by both EPA and PPM for 55 properties. Additionally, 6 properties have denied or revoked access. 46 properties have been identified with oil in the yards and 39 have some oil on the outside of the house. EPA has identified 7 houses/offices that potentially have some oil inside. Due to disagreements with the RP on these buildings, samples will be taken to verify the presence or absence of oil.

The RP's contractor has been cutting and bagging oiled vegetation and mowing grass at impacted properties. Grass contaminated with oil is being bagged, while uncontaminated grass is being mulched in place. Bags of oil impacted grass and woody vegetation are being staged for waste profile and disposal. Wood Fence panels with oil stains are being removed and staged for disposal. Buildings with oil on the outside are being hand wiped with a degreaser and pressure washed. Additionally, two ditches have been scraped out to remove oily soil and oil impacted soil in yards is currently being scheduled. EPA is providing oversight of the removal activities and has taken multiple samples of oily materials to establish responsibilities.

Most residents have already emptied their homes and removed flood damaged sheetrock and insulation. LDEQ has determined that limited oil sheening or residual on building materials would be de-minimis and could be disposed of with other flood debris

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

Lard Oil Company, 914 Florida Ave. SW, in Denham Springs, Livingston Parish Louisiana, is the responsible party of this incident. A Notice of Federal Interest (NOFI) was sent to the RP on August 18, 2016.

2.1.4 Progress Metrics

Waste Stream Medium Quantity Manifest # Treatment Disposal

2.2 Planning Section

2.2.1 Anticipated Activities

EPA and PPM Associates are each acquiring access agreements individually and EPA is providing oversight while the RP conducts assessments and removal activities. EPA has requested assistance from the Louisiana Department of Health & Hospitals (LDHH) to provide guidance to homeowners on indoor air quality for homes in the impact area. EPA will continue providing oversight and coordinating efforts to ensure that oil removal is completed.

2.2.1.1 Planned Response Activities

The next phase of removal activities will be focused on removing oil from the exterior of homes and removing oil impacted soil. Soil removal will be documented and confirmation samples will be taken prior to backfill.

2.2.1.2 Next Steps

The RP developed an overall clean-up plan that lists out objectives for each property specifically. A draft sampling plan has also been developed by the RP and is being reviewed by EPA, LDEQ and will be provided to LDHH for input on indoor air quality.

2.2.2 Issues

Oil containers from other sources have been found in the impact area. Sample results from the first round of sampling is expected back from the Marine Safety Lab 9/1/2016.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

2.4.1 Narrative

Federal Project Number E16620 was opened to support EPA's response. A request to increase the FPN ceiling to \$80,000 has been submitted.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

LDEQ - Louisiana Department of Environmental Quality

LDHH - Louisiana Department of Health and Hospitals

4. Personnel On Site

No information available at this time.

5. Definition of Terms

bbls – barrels

EPA – Environmental Protection Agency

NOFI – Notice of Federal Interest

OSC – On-Scene Coordinator

RP – Responsible Parties

START – Superfund Technical Assessment and Response Team

LDEQ – Louisiana Department of Environmental Quality

yd3 – cubic yard

6. Additional sources of information

6.1 Internet location of additional information/report

www.epaosc.org/lardoilcompany

6.2 Reporting Schedule

7. Situational Reference Materials

No information available at this time.